

## WEST Search History

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DATE: Sunday, December 26, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=USPT; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L5	L4 and (rout\$ or handl\$).ab.	15
<input type="checkbox"/>	L4	(edit\$ and event\$).ab.	176
<input type="checkbox"/>	L3	L2 and 715/\$.cccls.	29
<input type="checkbox"/>	L2	L1 and event near3 (rout\$ or handl\$ or edit\$)	89
<input type="checkbox"/>	L1	exten\$ near3 edit\$	721

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 17:17:02 ON 26 DEC 2004)

FILE 'INSPEC, COMPENDEX' ENTERED AT 17:17:11 ON 26 DEC 2004

L1 1379 S (EXTEN? (3A) EDIT?)  
L2 2 S L1 AND EVENT AND (HANDL? OR ROUT?)  
L3 7897 S EDIT? AND EVENT?  
L4 570 S L3 AND EXTEN?  
L5 44 S L4 AND (ROUT? OR HANDL?)  
L6 2 S L5 AND DOCUMENT

=>

Welcome to STN International! Enter x:x  
LOGINID:ssspta2309sxs  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):3

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 4 OCT 28 KOREAPAT now available on STN  
NEWS 5 NOV 30 PHAR reloaded with additional data  
NEWS 6 DEC 01 LISA now available on STN  
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004  
NEWS 8 DEC 15 MEDLINE update schedule for December 2004  
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
  
NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

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=> file inspec, compendex  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'INSPEC' ENTERED AT 17:17:11 ON 26 DEC 2004

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=> s exten? 3a edit\$

=> s (exten? (3a) edit?)

L1 1379 (EXTEN? (3A) EDIT?)

=> s l1 and event and (handl? or rout?)

L2 2 L1 AND EVENT AND (HANDL? OR ROUT?)

=> d 1-2 all

L2 ANSWER 1 OF 2 INSPEC (C) 2004 IEE on STN

AN 1992:4227309 INSPEC DN C9210-6180G-006

TI Canae: a platform for constructing graphical user interfaces with editors.

AU Rekimoto, J.; Tarumi, H.; Sugai, M. (NEC Corp., Tokyo, Japan); Yamazaki, G.; Igari, K.; Mori, T.; Sugiyama, T.; Uchiyama, A.; Akiguchi, C.

SO Journal of Information Processing (1991) vol.14, no.4, p.455-62. 15 refs.  
CODEN: JIPRDE ISSN: 0387-6101

DT Journal

TC Practical

CY Japan

LA English

AB The authors have developed a graphical user interface constructing environment which supports editing facilities of six media types (including text, image, diagram, graph structure, table, and hierarchical structure). This system, called Canae, is intended to be a general platform for several interactive and graphical applications. Canae provides various customization methods and an extension language for application developers to use editor parts as components of a user interface. For modifying and **extending** these **editors** to accommodate to an application's needs, the authors used the MVC paradigm and object oriented approach in designing Canae. Application programmers can modify an editor's keyboard **handling** and mouse **handling** by creating application specific **event** maps and key maps.

CC C6180G Graphical user interfaces; C6130B Graphics techniques; C6115 Programming support; C6130D Document processing techniques

CT GRAPHICAL USER INTERFACES; PROGRAMMING ENVIRONMENTS; TEXT EDITING

ST interactive applications; Canae; graphical user interface constructing environment; editing facilities; media types; text; image; diagram; graph structure; table; hierarchical structure; graphical applications; customization methods; extension language; MVC paradigm; object oriented; **keyboard handling**; **mouse handling**; **event maps**; key maps

L2 ANSWER 2 OF 2 COMPENDEX COPYRIGHT 2004 EEI on STN

AN 1992(12):158266 COMPENDEX DN 9212148019

TI Canae: A platform for constructing graphical user interfaces with editors.

AU Rekimoto, Junichi (NEC Corp, Jpn); Tarumi, Hiroyuki; Sugai, Masaru; Yamazaki, Go; Igari, Kanemitsu; Mori, Takeshi; Sugiyama, Takahiro; Uchiyama, Atsuko; Akiguchi, Chuzo

MT 3rd Computer System Symposium.

ML Tokyo, Jpn

MD 26 Mar 1991-27 Mar 1991

SO Journal of Information Processing v 14 n 4 1991.p 455-462

CODEN: JIPRDE ISSN: 0387-6101

PY 1991

MN 17025

DT Journal

TC Application

LA English

AB As window systems become popular, there is a growing need for a Graphical User Interface (GUI) that allows users to manipulate objects on the screen directly. However, development of GUI is not an easy task. We have developed a graphical user interface constructing environment which supports editing facilities of six media types (including text, image, diagram, graph structure, table, and hierarchical structure). This system, called Canae,

is intended to be a general platform for several interactive and graphical applications. Canae provides various customization methods and an extension language for application developers to use editor parts as components of user interface. For modifying and extending these editors to accommodate to an application's needs, we use the MVC paradigm and object oriented approach in designing Canae. Application programmers can modify editor's keyboard handling and mouse handling by creating application specific Event Maps and Key Maps. Canae also provides a mechanism that enables applications to associate application's data and data in Canae. Canae is widely used for building several product-level applications. By evaluating three CASE applications developed with Canae, we have found that Canae reduces the amount of newly developed program codes by about 50% or more. (Author abstract) 15 Refs.

CC 722 Computer Hardware; 723 Computer Software  
CT \*COMPUTER INTERFACES:Modification; COMPUTER PROGRAMMING:Object Oriented Programming; COMPUTER GRAPHICS:Interactive; COMPUTER SOFTWARE:Applications  
ST SOFTWARE PACKAGE WINDOWS; GRAPHICAL USER INTERFACE (GUI); SOFTWARE PACKAGE CANAE

=> dhis

DHIS IS NOT A RECOGNIZED COMMAND

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For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> d his

(FILE 'HOME' ENTERED AT 17:17:02 ON 26 DEC 2004)

FILE 'INSPEC, COMPENDEX' ENTERED AT 17:17:11 ON 26 DEC 2004

L1 1379 S (EXTEN? (3A) EDIT?)

L2 2 S L1 AND EVENT AND (HANDL? OR ROUT?)

=> s edit? and event?

L3 7897 EDIT? AND EVENT?

=> s l3 and exten?

L4 570 L3 AND EXTEN?

=> s l4 and (rout? or handl?)

UNMATCHED LEFT PARENTHESIS 'AND (ROUT?'

The number of right parentheses in a query must be equal to the number of left parentheses.

=> s l4 and (rout? or handl?)

L5 44 L4 AND (ROUT? OR HANDL?)

=> s l5 and document

L6 2 L5 AND DOCUMENT

=> d 1-2 all

L6 ANSWER 1 OF 2 INSPEC (C) 2004 IEE on STN

AN 2003:7746877 INSPEC DN C2003-11-6180G-004

TI An MVP-based XML language for user interfaces.

AU Jong-Myung Choi; Kyoung Hee Shin; Chae-Woo Yoo

SO Journal of KISS: Software and Applications (Dec. 2002) vol.29, no.11-12, p.947-56. 15 refs.

Published by: Korea Inf. Sci. Soc

CODEN: CKNBFV ISSN: 1229-6848

SICI: 1229-6848(200212)29:11/12L.947:BLUI;1-P

DT Journal

TC Practical

CY Korea, Democratic People's Republic of  
 LA Korean  
 AB It is advantageous to use XML in developing user interfaces, since XML is independent from platforms and languages and it is easy to learn and use. The existing XML-based languages do not adopt formal model, and they are developed in ad hoc manner. Moreover, they provide limited facilities to **handle** user **events**, and combine user interface components with internal logics. In this paper, we introduce an **extended** MVP (EMVP) model, which is **extended** from MVP (Model-View-Presenter), and XUIML, which is a new XML application based on the EMVP to support user interface. XUIML provides useful methods to build user interface, including methods to describe actions on user **events**, data flows between objects, and internal logics. The XUIML system provides two style **editors**-text **editor** and graphic **editor**. It also provides two code generators. One generates Java source, and the other generate C# code from XUIML **document**. The XUIML graphic **editor** allows users to manipulate XML elements directly, and we can gain high productivity with the graphic **editor**.

CC C6180G Graphical user interfaces; C6140D High level languages; C6115 Programming support  
 CT GRAPHICAL USER INTERFACES; HYPERMEDIA MARKUP LANGUAGES; USER INTERFACE MANAGEMENT SYSTEMS  
 ST XML; user interfaces; XML-based languages; **user events**; user interface components; **extended MVP**; EMVP; Model-View-Presenter; XUIML; internal logics; **text editor**; **graphic editor**

L6 ANSWER 2 OF 2 INSPEC (C) 2004 IEE on STN  
 AN 1993:4464429 INSPEC DN C9310-6130D-001  
 TI MMV-synchronizing multimedia documents: an **extension** of CDA for synchronization and presentation of multimedia documents.  
 AU Herzner, W.; Kummer, M. (Forschungszentrum Seibersdorf, Austria)  
 SO Computers & Graphics (May-June 1993) vol.17, no.3, p.229-41. 23 refs. Price: CCCC 0097-8493/93/\$6.00+.00  
 CODEN: COGRD2 ISSN: 0097-8493  
 DT Journal  
 TC Practical  
 CY United Kingdom  
 LA English  
 AB The experiences of a prototype implementation are presented, which integrates dynamic media like audio, video, and digital sound (MIDI) into 'static' documents (text, graphics, images), to specify interactively the temporal layout-conditions-synchronization-and to present such documents under interaction with the user. To achieve this, first a conventional **document** including all static contents is created with conventional **document**-processing tools like DECwrite, including references to the dynamic contents, then the temporal conditions are specified using a synchronization **editor**, and finally the **document** is presented through a presentation engine, which may be distributed over several nodes. The user may interact with the presentation by activating displayed buttons with the pointing device. A cue-based synchronization model is used, which is **event**-oriented and allows adjustment for delays caused by hardware and software.

CC C6130D Document processing techniques; C6130E Data interchange; C6160S Spatial and pictorial databases  
 CT **DOCUMENT HANDLING**; ELECTRONIC DATA INTERCHANGE; MULTIMEDIA SYSTEMS  
 ST formal specification; CDA; multimedia documents; prototype; audio; video; digital sound; MIDI; synchronization; **document-processing tools**; DECwrite; pointing device

=> dhis

THIS IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> d his

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L1 1379 S (EXTEN? (3A) EDIT?)  
L2 2 S L1 AND EVENT AND (HANDL? OR ROUT?)  
L3 7897 S EDIT? AND EVENT?  
L4 570 S L3 AND EXTEN?  
L5 44 S L4 AND (ROUT? OR HANDL?)  
L6 2 S L5 AND DOCUMENT

=> d 1-44 l5 ti

L5 ANSWER 1 OF 44 INSPEC (C) 2004 IEE on STN  
TI PLC programming with signal interpreted Petri nets.

L5 ANSWER 2 OF 44 INSPEC (C) 2004 IEE on STN  
TI An MVP-based XML language for user interfaces.

L5 ANSWER 3 OF 44 INSPEC (C) 2004 IEE on STN  
TI Declarative **event**-oriented programming.

L5 ANSWER 4 OF 44 INSPEC (C) 2004 IEE on STN  
TI A CSCW framework for the flexible coupling of groupware widgets.

L5 ANSWER 5 OF 44 INSPEC (C) 2004 IEE on STN  
TI Who killed Gopher? An **extensible** murder mystery.

L5 ANSWER 6 OF 44 INSPEC (C) 2004 IEE on STN  
TI VICS-strategy and deployment plan.

L5 ANSWER 7 OF 44 INSPEC (C) 2004 IEE on STN  
TI MMV-synchronizing multimedia documents: an **extension** of CDA for  
synchronization and presentation of multimedia documents.

L5 ANSWER 8 OF 44 INSPEC (C) 2004 IEE on STN  
TI Designing and implementing multi-user applications: a case study.

L5 ANSWER 9 OF 44 INSPEC (C) 2004 IEE on STN  
TI Canae: a platform for constructing graphical user interfaces with  
**editors**.

L5 ANSWER 10 OF 44 INSPEC (C) 2004 IEE on STN  
TI Specification, verification and synthesis of control circuits with  
propositional temporal logic.

L5 ANSWER 11 OF 44 INSPEC (C) 2004 IEE on STN  
TI Easy-PC PCB CAD.

L5 ANSWER 12 OF 44 INSPEC (C) 2004 IEE on STN  
TI X window system, Programming and applications with Xt OSF/Motif  
**edition**.

L5 ANSWER 13 OF 44 INSPEC (C) 2004 IEE on STN  
TI Attached processors in APL.

L5 ANSWER 14 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI Tips from our readers.

L5 ANSWER 15 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI JDS uniphase and clearorbit **extend** Oracle "single data model" to outsourcing partners.

L5 ANSWER 16 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Reference-time-controllable control for multi-fingered dexterous hand coordination.

L5 ANSWER 17 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Airflow and precipitation fields within deep alpine valleys observed by airborne Doppler radar.

L5 ANSWER 18 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI The New Jersey Chemistry Olympics Revisited.

L5 ANSWER 19 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI IPv6: The new internet protocol - Implications of the next-generation internet protocol for ABB.

L5 ANSWER 20 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Seismic evaluation and retrofit strategies for the University of Alaska Anchorage Engineering Building.

L5 ANSWER 21 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Declarative **event**-oriented programming.

L5 ANSWER 22 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Modern drive concept of a well drilling rig used in the Rhineland Brown coal mining area.  
 Modernes Antriebskonzept einer Brunnenbohranlage aus dem rheinischen Braunkohlenrevier.

L5 ANSWER 23 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Toolkit for developing multi-user, distributed virtual environments.

L5 ANSWER 24 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Simulation of ATIS strategies to mitigate special **event** congestion.

L5 ANSWER 25 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Designing and implementing multi-user applications: A case study.

L5 ANSWER 26 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Canae: A platform for constructing graphical user interfaces with **editors**.

L5 ANSWER 27 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Operational threat assessments for civil defence planning.

L5 ANSWER 28 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Concurrent programming and robotics.

L5 ANSWER 29 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Superconducting accelerator card for PC.

L5 ANSWER 30 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI Parallel administration of **events** in real-time systems.

L5 ANSWER 31 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI **EXTENDING THE INNES FIELD LIFE BY COST-EFFECTIVE SUBSEA TECHNOLOGY**.

L5 ANSWER 32 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
 TI CASCADED f-k MIGRATION: REMOVING THE RESTRICTIONS ON DEPT-VARYING



VELOCITY.

- L5 ANSWER 33 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI HANDLING HOT SPOT DATA IN DB-SHARING SYSTEMS.
- L5 ANSWER 34 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI AUTOMATED GUIDANCE OF VEHICLES USING VISION AND PROJECTIVE INVARIANT MARKING.
- L5 ANSWER 35 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI QUANTITATIVE ANALYSIS OF THE INELASTIC BACKGROUND IN SURFACE ELECTRON SPECTROSCOPY.
- L5 ANSWER 36 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI 'DO-IT-YOURSELF' MEASUREMENT AND CONTROL CAE PACKAGE.
- L5 ANSWER 37 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI DEVELOPMENT OF A STATEWIDE SYSTEM FOR ROUTING AND SCHEDULING SCHOOL BUSES.
- L5 ANSWER 38 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI DYNAMIC MODELING OF A MULTICLASS FLEXIBLE MANUFACTURING SYSTEM.
- L5 ANSWER 39 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI ANALYSIS OF THE FORCES ON A NUCLEAR FUEL TRANSPORT FLASK IN AN IMPACT BY A TRAIN.
- L5 ANSWER 40 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI GEOCHEMICAL AND MINERALOGICAL ALTERATION AT THE MIDWEST URANIUM-NICKEL DEPOSIT.
- L5 ANSWER 41 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI HIERARCHICAL AND MESHED TELECOMMUNICATION SYSTEMS WITH ERROR TOLERANCE AS A PART OF AN ENERGY CONTROL SYSTEM.
- L5 ANSWER 42 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI EVENT-PROCESS FACILITY BUILT ON SIMULA: A TOOL FOR SIMPLIFYING THE SIMULATION OF DISTRIBUTED CONTROL SYSTEMS.
- L5 ANSWER 43 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI DIRECT THREE-PARAMETER MUSKINGUM PROCEDURE INCORPORATING LATERAL INFLOW.
- L5 ANSWER 44 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
TI INTERACTIVE PROGRAMMING SYSTEM FOR TRANSPORTATION PLANNING.

=> d ab 30 15

- L5 ANSWER 30 OF 44 COMPENDEX COPYRIGHT 2004 EEI on STN  
AB An **extended** computer architecture suitable of improving the performance of embedded systems encountered in hard real-time environments is described that enhances reliability and efficiency by exploiting possibilities for parallel processing inherent to real-time systems. It is shown that internal data transmissions due to context-switching operations can be eliminated and the CPU relieved from a considerable amount of **routine** work by providing a separate module for major functions of real-time operating systems, viz. for interrupt and signal recognition, for the time management, the administration of task schedules, the transfer of tasks between different states, and the initial system start-up. Considering the layer model of contemporary real-time operating systems, these functions constitute the kernel and the first layer of an operating system. A mathematical theory of task schedules and of the conditions, under which they are fulfilled, is developed. The functions of the **event** processor are described by detailing a number of

algorithms running as reactions to occurred **events**. Their complexities are mainly proportional to the number schedules under observation. This hardware implementation of typical hard real-time support features provide a physical separation of the intrinsically independent functions **event** recognition and processing from general task processing. (**Edited** author abstract) 12 Refs.

=> d his

(FILE 'HOME' ENTERED AT 17:17:02 ON 26 DEC 2004)

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L1 1379 S (EXTEN? (3A) EDIT?)  
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